Safety of Dams

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Will the Minister of WATER RESOURCES be pleased to state:

(a) whether Government's attention has been drawn to a newspaper report published in the Indian Express of April 6, 1995 and the Observer of April 7, 1995 under the captions, "World Bank declares 25 dams unsafe" and "Most Indian dams not safe, says World Bank study", respectively;

(b) what are the details of dams which have been mentioned in the World Bank's memo as unsafe.

(c) whether Government have examined/ reviewed the position relating to the safety of these dams and also of other dams in the country;

(d) whether Project Authorities had prepared any disaster management plans in respect of the projects referred to above and if so, what are the details in this regard, if not what are the reasons therefor;

(e) to what extent the dams quoted unsafe by the World Bank are likely to cause damage or disaster by causing floods in the country; and

(f) what steps Government have so far taken or propose to take for the safety of these dams?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI P.V. RANGAYYA NAIDU): (a) Yes, Sir.

(b) and (c) The World Bank's Memo. referred to in the newspapers report has not been received. However, Dam Safety Assurance and Rehabilitation Project DSARP) was taken up in 1991-92 under World Bank line of Credit 2241-IN and Loan 3325-IN with an objective to improve safety of 33 selected dams in the States of Madhya Pradesh, Orissa, Rajasthan and Tamil Nadu through remedial measures. The project is schedule to be completed in June, 1997. The State-wise list of these dams alongwith details of deficiencies as determined on evaluation of their safety aspects is attached. (See below). The States have been advised to evaluate the safety aspects of other dams also.

(d) to (f) The remedtal measures for improving the safety of the dams under DSARP inter-alia include formulation of emergency action plans, inundation maps and proper warning system to be provided at every dam for the safety of downstream areas. These measures are schedule for completion within the project period i.e. by and of June, 1997.

Sl. No.	State	Name of Dam	Deficiency
1.	Madhya Pradesh	Pagara	Hydrologic and structural
		Pillowa	-do-
		Kotwal	-do-
		Gandhi Sagar	-do-
		Tigra	-do-
		Kakeia	Under evaluation
		Barna	Structural
		Aoda	Hydrologic and Structural
2.	Orissa	Hirakud	Hydrologic and Structural
		Darjang	-do-
		Ghogahada	-do-
		Soroda	-do-
		Bhanjanagar	-do-
		Behera	-do-
		Ganjanala	-do-
		Jharnai	-do-
		Alikuan	-do-
3.	Rajasthan	Ranapratap Sagar	Structural
		Jawahar Sagar	-do-
		Kota Barrage	-do-
		Parbati	-do-
		Matri Kundia	Hydrologic and Structural
		Alnia	do-
		Galwa	-do-
4.	Tamil Nadu	Periyar	Structutral
		Kodanagar	-do-
		Sethanur	Hydrologic and Structural
		Pechiparai	-do-
		Uppar	-do-
		Ponnanjar	-do-
		Gomukhinadhi	-do-
		Vidur	-do-
		Manimuthar	-do-